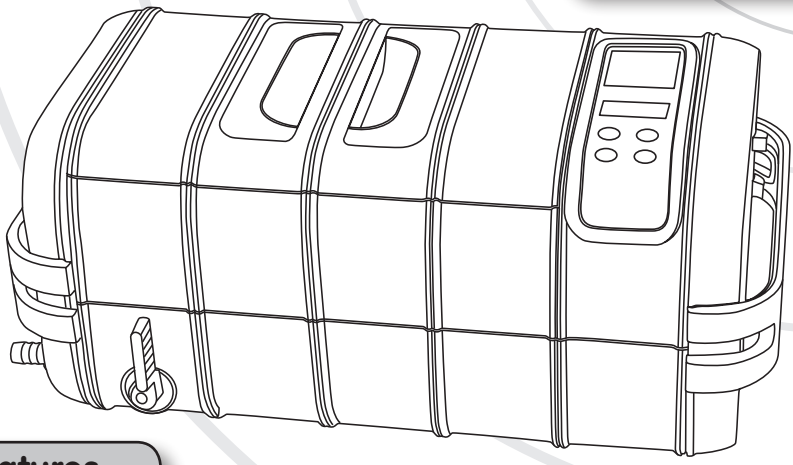
James PRODUCTS

8061 TOUCH
Professional Ultrasonic Cleaner

User Manual



Features

Large capacity tank	Tank capacity: 3000ml; Size: 25.0 x 17.4 x 7.8 cm / 9.8" x 6.9" x 3.1". Longest item that can fit inside the tank is 26.6 cm / 10.5"
Touch screen control panel	With capacitive sensing technology, durable, reliable, resistant to water and harsh chemicals
Drainage valve	Convenient to use
Super-sized ultrasonic transducer	Ø45mm industrial grade transducer (80W), giving 170W cleaning power
3 x colour LED display	Easy to operate with 4 touch screen control keys, timer with 6 settings and 3 temperature settings
Ceramic heater	Ceramic heater (100W), 65°C temperature limited
Multiple circuit protectors	When overloaded or improperly used, the protectors shut down the power to certain areas to protect the machine
Two cooling fans	Improves heat dissipation and is beneficial to protect and keep every part in good condition during continuous use
Detachable power cord	Independent power switch and detachable power cord
Moisture-proofed PCB with industrial IC	PCBs are placed vertically for better moisture-proofing. Ideal for different working environments with better anti-interference performance
Advanced structural design	4.5mm wall thickness with tongue and groove joints for better impact and water-proof performances. 60% quieter than steel housing designs

SPECIFICATIONS

Model Description	8061 TOUCH Professional Ultrasonic Cleaner
Tank Capacity	3000ml (Max. 2500ml - Min. 1500ml)
Tank Size	25.0 x 17.4 x 7.8 cm / 9.8" x 6.9" x 3.1"
Longest Item Fits inside Tank	26.6 cm / 10.5"
Power Supply	170 W (AC 220~240V 50/60Hz)
Digital Timer Settings	5 to 30-minute full range timer
Drainage	Drainage valve
Ultrasonic Frequency	35,000 Hz
Tank Material	Stainless Steel SUS304
Housing Material	ABS
Net Weight	5.1 kg / 11.3 lb
Gross Weight	6.1 kg / 13.4 lb
Unit Size	45.5 x 27.5 x 21.0 cm / 17.9" x 10.8" x 8.3"

Use tap water. Special solutions are not necessary in most cases.

Principles of ultrasonic cleaning:
Millions of tiny air bubbles are generated within liquid by high frequency vibration. The air bubbles burst when in contact with any object and dislodge the debris to achieve the cleaning effect.

- Using tap water is sufficient. Purified water or distilled water has the same cleaning effect as regular tap water for ultrasonic cleaning.
- When cleaning silver or copper items where oxidation has darkened the items, special solutions such as SeaClean2, need to be added to the water to remove the oxidation.

Read the Manual First

The manual should be carefully reviewed before starting to use the device.

Warnings should be observed carefully. Please follow the manual for operations.

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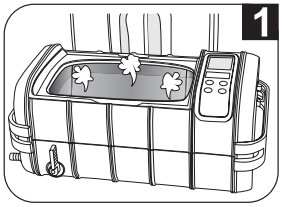
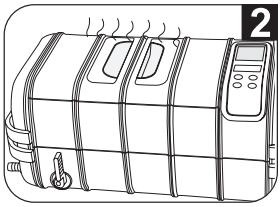
CARE AND MAINTENANCE



Do not turn on the unit without water in the tank.

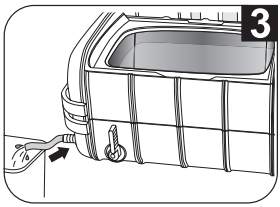
Even though the unit is designed with multiple protections, if it is turned on for over 30 seconds without water in the tank, it may damage the unit or severely reduce the life of the unit.

⚠ A thermal switch is attached to the bottom of the cleaning tank. If the unit is turned on accidentally without water in the tank, the ultrasonic energy will not be transferred out through the liquid and instead will be concentrated on the tank, the temperature of the tank will continue to rise. If the heater is turned on at the same time, the temperature of the tank will rise rapidly. This will trigger the thermal switch, to cut off power, to stop the ultrasonic transducer and the heater from running, to prevent damages to the unit and avoid a fire hazzard. The switch cuts off power for approximately 6-10 minutes then reconnects the power automatically.



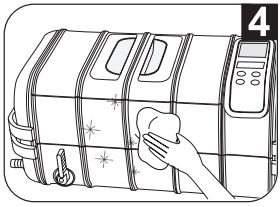
Do not run the unit for extended time or continuously.

The unit is designed with overheat protection. If the unit has been running for 45 minutes, it is recommended to stop the unit for about 20 minutes to prolong the life of the unit.



Do not keep water in the cleaning tank for a long time.

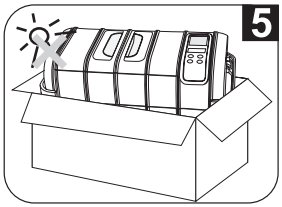
After cleaning is completed, open the drainage valve to drain the dirty water. Clean and wipe the tank dry.



Do not spray water over the housing.

Use a towel to wipe the tank and the housing dry.

⚠ Avoid any acetone, acid, alcohol, amonia or solvents from contacting the plastic housing and control panel to prevent corrosion. Damage to the machine in this manor will void warranty.



Do not expose the unit under direct sunshine for a long time.

Keep the unit in a dry, cool and ventilated area.

SAFETY PRECAUTIONS

Keep it away from children!

This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are aged 8 years and above and supervised. Keep the appliance and its cord out of reach of children aged less than 8 years.

- Please store the ultrasonic cleaner where it is inaccessible by children.
- Danger to children! Danger for death through suffocation! Keep packaging material away from children.
- This appliance should not be used by children. Keep the appliance and its cord out of reach of children.

To prevent life-threatening electrical shock, please observe the following:

Danger of electrical shock! Do not use while bathing. Never immerse the device or the power cord in water or other liquid.

Danger of electrical shock! Never touch the power plug with wet hands, especially when inserting or removing the plug.

Danger of electrical shock! If the unit has fallen into water during operation, do not touch the unit. Remove the power plug from the socket first.

Danger of electrical shock! Do not spray water or liquid over the device.

- Never operate the device unattended.
- Follow the manual to operate the device.
- Do not use components unapproved by the manufacturer.
- When removing the power cord from the socket, grab the power plug not the cord.
- To protect the power cord from damage, do not cause it to get caught by things such as cupboard door or a chair leg; do not drag across a hot surface.
- If there is damage to the power plug, cord, housing, or other parts of the device, do not use the device.
- Do not disassemble the device, except by professionals.
- If the unit is damaged, non-operational or has fallen into water, take it to a qualified service provider.
- Remove the power plug from the socket:

  -if malfunction occurs
  -before cleaning the device
  -if the device is not being used for prolonged period
  -after each use (recommended)
- The installation of an earth leakage circuit breaker with a rated tripping current of no more than 30 mA provides further protection against an electrical shock. The installation should only be carried out by a trained electrician.

To prevent fire hazards, please observe the following:

- Never block the vents on the device. Keep the vents free from lint, hair and other materials.
- Do not place the device on a soft surface, such as a bed or a couch, where the vents could be blocked.
- Observe the warnings in all sections.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

CAUTION

Risk of fire and explosion!

- Never use flammable liquids or solvents directly in the ultrasonic cleaning bath. Alcohol, acids and solvents should be used in an In-direct tank.
- Ultrasonic activity increases the vaporisation of liquids and creates a very fine mist which can catch fire.

Caution!

- Avoid any acetone, acid, alcohol, amonia or solvents from contacting the plastic housing and control panel to prevent corrosion. Use Indirect Cleaning and a glass or metal container for using such solutions.

Risk of damage to the ultrasonic tank!

- Do not use any acid cleaning agents (pH value < 7) directly in the stainless steel tank if the cleaning items or the contamination of the cleaning items contain halogenides (fluorides, chlorides or bromides). The same applies to NaCl solutions.
- The stainless steel tank can be destroyed by crevice corrosion in a very short time. *Substances that cause crevice corrosion can be contained in household cleaners.*

SAFETY PRECAUTIONS

Other observations:

- Do not operate the product without filling the tank with water. Running dry will damage the unit.
- Do not plug in the power cord before adding water to the tank. To avoid overspill, do not fill the tank above the 'Max' line.
- Do not use solution containing abrasive substances or strong corrosive chemical solution not recommended by the manufacturer or the supplier.
- Place the device on a dry and flat surface for operation.
- When the device is subjected to severe electromagnetic interference, it may malfunction, stop operating or lose control functions. If this happens, unplug the power cord then re-insert it to restart the device.

IMPORTANT SAFETY INSTRUCTIONS

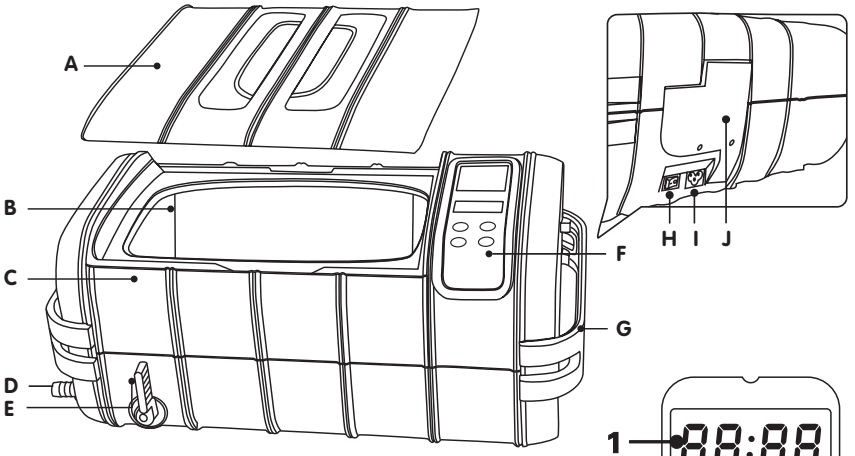
When using electric appliances, basic precautions should always be followed, including the following :

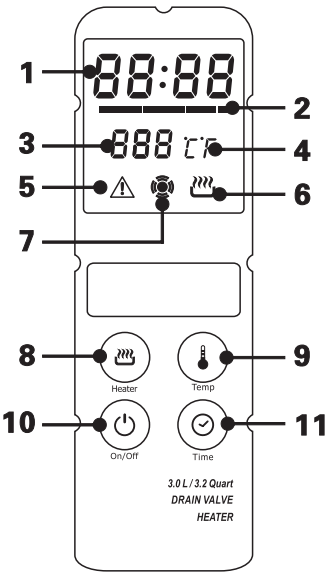
- Read all the instructions before using the appliance.
- To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
- Only use attachments recommended or sold by the manufacturer.
- Do not use outdoors.
- To disconnect, turn all controls to the off (O) position, then remove plug from outlet. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord. Unplug from outlet when not in use and before servicing or cleaning.
- To reduce the risk of electrical shock, do not put the appliance in water or other liquid. Do not place or store appliance where it can fall or be pulled into a tub or sink.
- All servicing of this product, including transducer replacement, is to be conducted by qualified service personnel.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or is dropped or damaged in any manner.
- Return appliance to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.

Items Not Suitable for Ultrasonic Cleaning

Soft Jewellery: Pearls, emerald, ivory, coral, agate, sea turtle shells, etc	These items are not hard, so scratches may occur during cleaning.
Welded, Plated and Glued Items: Welded or plated metal items, glued items	Ultrasonic cleaning may enlarge the gaps inside the welded joints, plated coating or glued items and may cause separation.
Watches: Except diver's watches with depth rating over 50 m (150 ft)	Because the strong penetration capability of the ultrasonic waves, water may get into the watches if they are not truly waterproof. Use a watch stand (available as optional extra) as a precaution if not sure.
Others: Wood; coated glass, ceramic, camera filters with pre-existing cracks.	Ultrasonic cleaning may enlarge the cracks pre-existed in the coating on the glasses, ceramic, and glass. If the items have no pre-existing cracks, then it is okay.

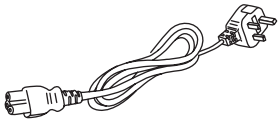
PRODUCT DETAIL



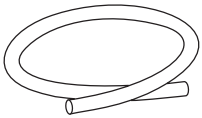


A. Top cover
B. Stainless steel tank
C. Housing
D. Drainage pipe fitting
E. Drainage valve handle
F. Control panel
G. Handles
H. Power socket
I. Power switch
J. Cover holder

INCLUDED ACCESSORIES

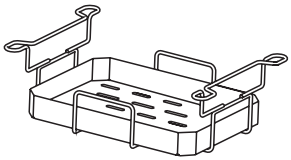


Power Cord

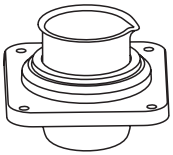


Drainage Hose

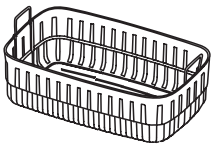
OPTIONAL ACCESSORIES



Stainless steel rack and tray



Beaker and beaker holder



Plastic Basket

CONTROL PANEL AND OPERATIONS

1. 10:00 **– Working Time Display.** It counts down after work has started.

2. **– Multistage Thermometer.** Solid green light indicates that the water temperature is 0-30% of the set temperature. Solid orange light indicates that the water temperature is 30-60% of the set temperature. Solid red light indicates that the water temperature is 60-90% of the set temperature. Flashing red light indicates that the water temperature is close to the set temperature. All lights on, indicate that the water temperature is at the set temperature (90-100%).

3. 060 **– Set Temperature Display.** Press Temp button to select one of the 3 set temperatures.
   50°C or 122°F → 55°C or 131°F → 60°C or 140°F

4. °C °F **– °C or °F Indicator.**
   °C - Set temperature in °C. – °F - Set temperature in °F.

5. ⚠ **– Overheat protection warning light.** If the unit is working improperly or has been running for too long, the red warning light ⚠ will illuminate, indicating that the unit is in overheat protection mode. The unit can not be operated until it has been left to stand (~15 to 20 mins) to cool down. The warning light then turns off and the operation can be resumed.

6. **– Heater Status.** Press Heater button, flashes, indicating the heater is turned on. Press Heater button again, dims, indicating the heater is turned off.

7. **– Normal Cleaning Status.** – Illuminated, normal cleaning is underway.

8. **Heater Button.** Pressing heater button, flashes, indicating that the heater is turned on. To cancel heating, press heater button twice again, dims, indicating the heater is turned off.

   ⚠ To prevent accidentally turning on or off the heater, the Heater button needs to be touched twice within 6 seconds to turn it on or off. flashes, indicating the heater is on.

   When the water reaches the set temperature, the heater will turn off automatically.

9. **Temperature Set Button.** 3 set temperatures (°C/°F) can be selected. Press Temp button to select one of the 3 set temperatures.
   50°C or 122°F → 55°C or 131°F → 60°C or 140°F

10. **Function Button.** After powering on, the LED displays 10:00 which is the default time (as shown), and the unit is ready for normal working status. Press On/Off button twice and the cleaning starts. The cleaning stops when the timer counts down to 00:00. If the unit needs to be stopped before the timer runs out, press On/Off button twice.

    ⚠ To prevent accidentally turning the unit on or off, the On/Off button needs to be touched twice within 6 seconds to turn it on or off. flashes, indicaes that the unit is running in Normal Cleaning mode.

11. **Timer Quick Set Button.** Press Timer button, LED display shows 10:00. Each pressing increases the time by 5 minutes.

SAMPLE APPLICATIONS

JEWELLERY

Necklaces, rings, earrings, bracelets, etc.

PERSONAL ITEMS

Eyeglasses, sunglasses, shaver heads, watch bands, diver's watches, dentures, etc.

MEDICAL / DENTAL

Surgical instruments, pliers, handpieces, etc.

PRECISION PARTS

Bearings, gears, valves, tools, fuel injectors, etc.

SILVER, COPPER OR BRASS

Silverware, silver, copper or brass decorations, etc.

BABY ITEMS

Toys, baby items, speech therapy tools, etc.

LAB ITEMS

Test tubes, beakers, flasks, etc.

BRASS, GUN PARTS

Reusable brass, gun parts, etc.

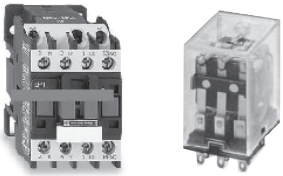
PCB, INKJET CARTRIDGES

PCBs from mobile phones and MP4, ink cartridges, etc.

GOLF CLUBS

Golf clubs and golf balls

ELECTRICAL PARTS



Terminals for relays and contactors

LENSES, CRYSTALS

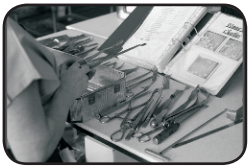
Lenses, crystals

APPLICATIONS

1. Metal Processing Manufacturers and Jewellery Makers:
- Ultrasonic cleaning can remove grease or abrasive powder from work-in-process metal items and keep them clean.
- Jewellery made with investment casting often has a wax layer in addition to debris. Turning on the heater will raise the water temperature, melt the wax and improve the cleaning.

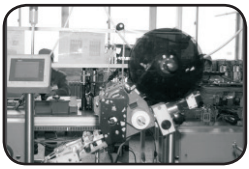
2. Optical Labs:
During edging and polishing, debris and abrasives can scratch lenses. Ultrasonic cleaning can effectively protect the lenses. Debris exists in the crevices of the frames during processing and polishing. Using an ultrasonic cleaner and tap water can easily remove the debris.

3. Biology, Chemical Laboratories:
Labs can use ultrasonic cleaners to clean test tubes and other glass or metal containers to remove residual chemicals and debris that can affect the accuracy of the test results.



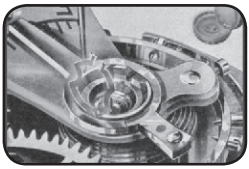
4. Medical Instrument Disinfection Rooms:
Non-disposable medical instruments may have blood or organic tissues left after use. This matter needs to be removed with an ultrasonic cleaner before disinfection.

5. Dental Clinics:
Dental clinics can use ultrasonic cleaners to clean dental instruments and to remove blood and small particles left on the instruments before disinfection.



6. Electrical Component Manufacturers:
Terminals on AC contactors and relays need to be kept clean to prevent sparking and non-contact. Ultrasonic cleaning is the most effective method to keep these parts clean.

APPLICATIONS



7. Watch and Precision Metal Part Manufacturers:
Machined watch components and other precision metal parts often have coolant and debris left on the surfaces. Ultrasonic cleaning can remove the debris and keep the parts clean.

8. Shooting Clubs
To reuse brass cartridges: Adding special solution such as SeaClean2 solution can make fired brass casings useable and like new again.
Gun cleaning and care: Cleaning guns after shooting is time consuming. Using SeaClean2 solution in the water and using ultrasonic cleaners can complete the cleaning better, quicker and easier than traditional methods.

9. Special Education Institutes / Kindergartens:
Speech therapy tools or small toys that are reused need to be cleaned to prevent the growth and spread of bacteria. Ultrasonic cleaning can perform thorough cleaning by removing debris hidden inside small holes and crevices before disinfection.

10. Golf Clubs:
Cleaning the heads of golf clubs is a time consuming job. Using ultrasonic cleaning with the **Enhanced Cleaning** method can improve the effectiveness and efficiency.

11. Mobile Phone and Electronics Service Shops
PCB renewal: Non-operational electronics, after falling into water, or non-operational key pads can be cleaned with ultrasonic cleaners and pure alcohol to recover the functions. Use the Indirect Cleaning method for small-sized PCBs.

12. Printing Shops
Unblocking dried printer heads or ink cartridges: Large printers and inkjet printers often have dried printer heads or ink cartridge ports. Replacing them with new ones is very costly. Adding acetone or SeaClean2 and using an ultrasonic cleaner with a couple of minutes of cleaning will remove the blockage and make them usable again.

Avoid acetone from contacting the plastic housing to prevent corrosion. Use Indirect Cleaning explained later and a glass or metal container for acetone.

APPLICATIONS

13. Homes:

Silverware, silver, copper or brass decorations: It's difficult to clean debris hidden in the patterns with regular methods. Ultrasonic cleaning with 50ml (3 tablespoons) of dish soap will clean the debris quickly. For silver, copper or brass items with oxidation which has darkened the items, adding small amount of SeaClean2 solution helps to remove oxidation and using ultrasonic cleaning will restore the shine.

Children or baby items: Debris left in the small holes and crevices are difficult to clean. Bacteria and molds can grow. Using an ultrasonic cleaner will deep clean the items before disinfection.

Crystal glasses and decorations, chandeliers: Ultrasonic cleaning can bring back the sparkles and make them look like new again.

Jewellery, eyewear, watch bands, shavers or razors: Ultrasonic cleaning can clean the debris in the crevices. It is quick and convenient.

This model has a large tank. When cleaning small items, the Indirect Cleaning method can be used with satisfactory results. Smaller ultrasonic cleaners can also do the job.

14. Automotive Repair Shops:

The **Enhanced Cleaning** method can be used to clean precision parts such as valves, injectors, gears and bearings. It cleans out debris in tiny holes and crevices effectively.

sea clean2

DOUBLE STRENGTH CONCENTRATE

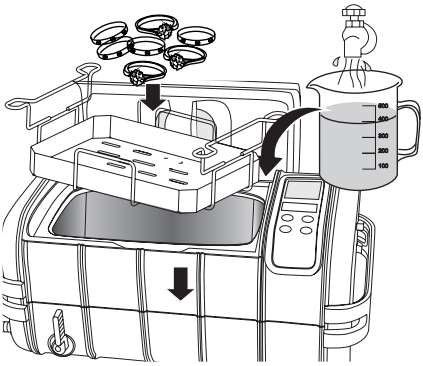
Made from a unique formula containing natural products, mixing carefully balanced quantities of seaweed, coconut oils and fruit extracts to create a powerful cleaning solution.

SeaClean2 will expertly clean tarnished items and assist in the removal of carbon, rust and dirt from most solid metals*, precious stones* and inkjet cartridges to return them to a shiny condition.

Available in 500ml, 1L, 5L and 25L bottles.

* Please refer to our website for exclusions.

COMMON CLEANING METHODS



REGULAR CLEANING

Only tap water is needed.

Suitable Locations:
Jewellery makers, optical labs, biology / chemical labs, homes, speech therapy clinics, dental clinics.

Cleaning Method:
1. Put the items to be cleaned inside the basket and put the basket inside the tank.
2. Add water to the cleaning tank to a level between "MIN" and "MAX" lines and above the area to be cleaned.
3. Turn the power switch on. Press Time button to set the timer to 5 - 10 minutes. Press On/Off button to start cleaning.

Notes on using the basket:
1. The basket reduces the friction between the items and the tank. Stainless steel tray absorbs approximately 8% of ultrasonic energy and a plastic basket absorbs about 35% of ultrasonic energy. This significantly reduces the cleaning effectiveness.
2. During cleaning, dirt will come off like smoke and the water will become murky over time. When "smoke" stops coming, the cleaning is basically done.

INDIRECT CLEANING

Put the items in a separate container. Use ultrasonic waves to penetrate the container to do the cleaning.

Suitable Locations: medical instrument sterilization rooms, watch and precision parts manufacturers, mobile phone and electronics service shops, large printing shops.

Different industries use different fluids inside the container:

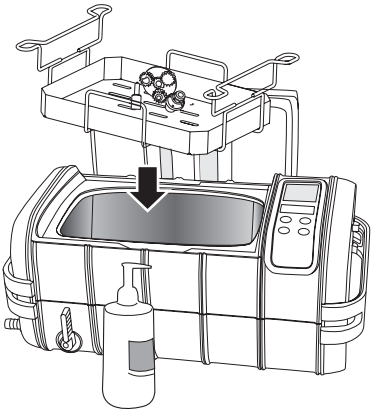
1. Watch service shops - Watch oil (to prevent rust)
2. Medical instrument sterilization - Enzymatic solution (cleaning prior to sterilization)
3. Precision electrical parts - Hexane (to dissolve grease, to evaporate quickly)
4. Mobile phone and electronic service shops - Pure alcohol (to evaporate quickly).
5. Printing shops – Acetone is often used (to dissolve ink)

⚠ Avoid any acetone, acid, alcohol, amonia or solvents from contacting the plastic housing and control panel to prevent corrosion. Use Indirect Cleaning and a glass or metal container for using such solutions.

Cleaning Method:
1. Put the item inside a container. Add proper fluid to submerge the area to be cleaned.
2. Place the container in the tank directly. Add water to a level between "MIN" and "MAX", do not overflow.
3. Turn the power switch on. Press Time button to set the timer to 10 minutes. Press On/Off button to start cleaning. Ultrasonic waves will penetrate the container and clean the items.

Selection of container: (Adding a container to the tank will reduce the cleaning effect by the following)

Container Type:	**Plastic**	**Aluminium**	**Glass**	**Stainless Steel**
Ultrasonic energy absorption:	30-40%	20%	15%	8%



ENHANCED CLEANING

Debris accumulated over a long period of time, greasy or heavily soiled.

Suitable Locations: metal processing and jewellery makers, hardware manufacturers, shooting clubs, homes, automotive repair shops.

Cleaning Method:

1. Large items can be put in the tank directly. Small items can be put in the basket, then put in the tank. To avoid rubbing during cleaning, do not put the items on top of each other.

2. Add water to a level between "MIN" and "MAX" and above the area to be cleaned.

3. Add 50 ml (3 tablespoons) of washing up liquid.

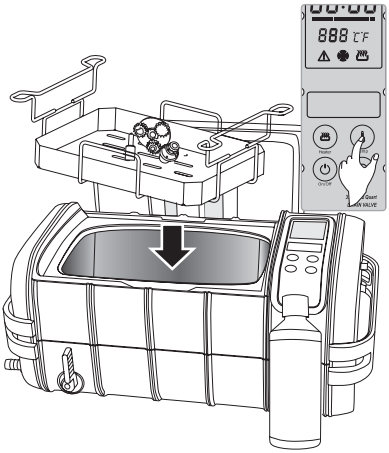
4. Turn the power switch on. Press Temp button tto set the water temperature to 55°C (131°F). Press Heater button to turn on the heater, ♨ flashes. Close the lid. LED ▭▭▭ lights up. When water reaches the set temperature, ♨ dims, indicating the heater is turned off.

Warm water and dishwashing liquid can soften grease and improve cleaning efficiency.

5. Press Time button to set the timer to 15 minutes. Press On/Off button to start cleaning. Grease will dissipate and appear to be like black smoke in the water.

6. When it stops, open the drainage valve to release the dirty water. Close the valve afterwards.

7. Clean the tank and add fresh water. Wash the items for another 3 minutes to remove the residual debris and any detergent.



SPECAL CLEANING WITH SEACLEAN2

Silver, copper or brass items with oxidation which has darkened the items will need special cleaning.

Suitable Locations: silver, copper or brass product manufacturers, homes, shooting clubs.

Cleaning Method: 1. Put the items in the basket and then in the tank, add water to a level between "MIN" and "MAX" and above the area to be cleaned.

2. Add special solution (SeaClean2) that can remove silver or copper oxidation according to the ratio recommended (typically 1:10), Use special solutions according to the instructions for brass cartridges.

3. Turn the power switch on. Press Temp button to set the water temperature to 50°C (122°F). Press Heater button to turn on the heater, ♨ flashes. Close the lid. LED ▭▭▭ lights up indicating the percentage range of the set temperature being reached. when the water reaches the set temperature, ♨ dims, indicating the heater is turned off.

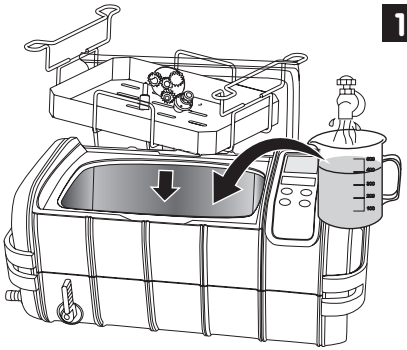
The heater has dual protection. To ensure safety, the heater will turn off automatically after 50 minutes.

4. Press Time button to set the timer to 15 minutes.

5. When cleaning is done, remove the basket and the items. Rinse the items with tap water or follow steps 6 and 7 in the **Enhanced Cleaning** section.

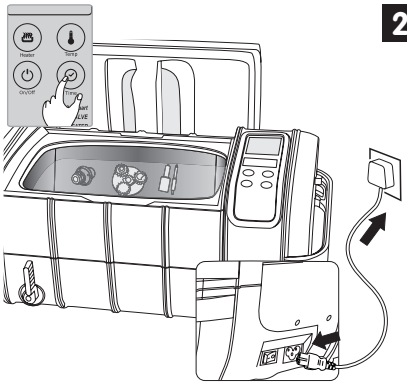
During cleaning, debris will come off the items like "smoke". Water will become murky. This method will remove silver or copper oxidation and debris in the decorating patterns and crevices and make the items like new again.

OPERATING GUIDELINES



1 Remove the cover and put it on the cover holder vertically. Put the items in the basket then put them in the cleaning tank. Add water to a level between "MIN" and "MAX" and above the area to be cleaned.

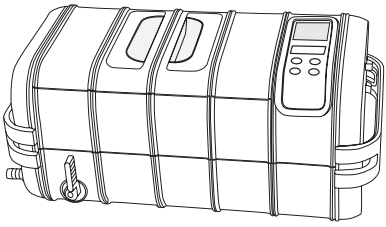
⚠ If the unit is turned on without water, ultrasonic energy will not be absorbed. This model has high power and once on for over 15 seconds, it may damage the unit or severely reduce the life of the unit.



2 Connect the power cord to an outlet and turn the switch on. LED display shows 10:00. This is the most common timer setting. If the timer needs to be adjusted, press Time button. Select desired timesetting by pressing Time button:

→ 10min - 15min - 20min - 25min - 30 min - 5 min →

Prolonged cleaning time may result in:
a. Loosening of the screws if used.
b. If items are plated and have existing cracks, the cracks may become more pronounced.
c. Coatings with pre-existing damages may experience more peeling.



3 **Press On/Off button to start cleaning.**

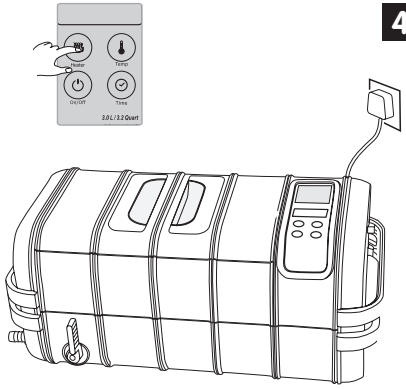
During cleaning, buzzing sound can be heard from the cleaning tank, indicating that the cleaning is underway. Closing the lid will reduce the noise level.

The digital timer will count down to show the remaining cleaning time. When it displays 00:00, the cleaning is done.

To stop cleaning at any time, press On/Off button.

The unit is designed with overheating protection.

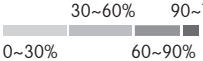
If the unit has been running for too long, the red warning light '⚠' will illuminate, indicating the unit is in overheat protection mode. The unit can not be operated until it has cooled down (~15 to 20 minutes). The '⚠' turns off and the operation can be resumed



4 Select one of the four cleaning methods recommended earlier.

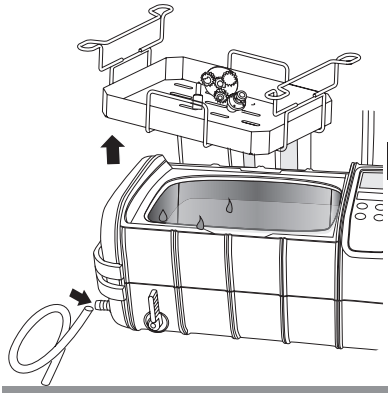
1. When the heater is needed, press the Temp button to select one of the 3 preset temperatures. Press Heater button, flashes, indicating the heater is turned on. When the water reaches the set temperature, dims, indicating the heater is turned off.

To ensure safety, the unit is designed with dual protection. The heater will be turned off automatically if it has been running for 50 minutes.



Thermometer lights up to indicate the percentage of the set temperature reached.

2. When debris "smoke" is no longer visible, cleaning is done. If additional cleaning is needed, reset the timer and repeat the steps above.



5 When cleaning is completed, switch off the power, open the cover and retrieve the basket and the items.

Connect the drainage hose to the drainage pipe as shown.

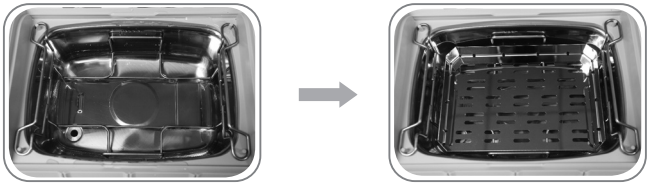
Open the drainage valve to drain the dirty water.

Clean and wipe the tank dry.

Close the drainage valve.

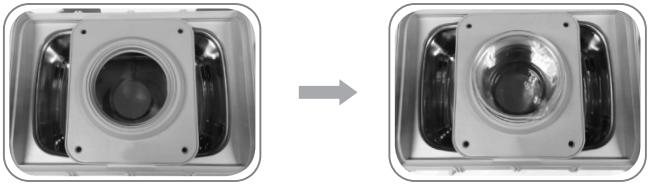
OPTIONAL ACCESSORY USAGE GUIDE

STAINLESS STEEL RACK AND TRAY



The rack can be used to support cassettes. 2 layers of cassettes can be used on top of each other. The tray can be used in place of the cassette. The tray is stackable so multiple layers of trays can be used.

BEAKER AND BEAKER HOLDER - INDIRECT CLEANING



Put the beaker holder and beaker across the main cleaning tank as shown.

Add water to the main tank so the water level reaches the beaker.

Add required solution into the beaker. It can be used to clean small items such as dental burs, files and nozzles.

GUARANTEE

Your Ultrasonic Cleaner has been carefully manufactured and 100% tested using high quality assured components. It is guaranteed against faulty workmanship and materials for a period of 12 months from the date of purchase. In the unlikely event that a failure should occur, the unit will be repaired or replaced* free of charge when returned, postage paid, to the address below within the guarantee period. This guarantee DOES NOT include damage or failure resulting from misuse, damage in transit or failure by the user to comply with the Dos and Don'ts (this list is not exhaustive).

Your statutory rights under common law are in no way affected by this guarantee.

James Products Ltd,

Unit 1, Church Close Business Park,Todber, Sturminster Newton,Dorset DT10 1JH, England

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When returning your unit please call our Returns Department on +44 (0)1258 820100 for a RMA (Returns Materials Authorisation) number. Please return your unit in its original packaging along with a covering letter stating when and where you purchased the unit and a description of the problem encountered. If the unit is within the guarantee period please enclose proof of purchase.

LIMITED WARRANTY

Consequential and incidental damages, including without limitation, loss of property and those arising from breach of any express or implied warranty, are not the responsibility of James Products Limited and to the extent permitted by law, are excluded.

In accordance with its policy of progressive product design, James Products Ltd reserves the right to change product specifications without prior notice.

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